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DEPARTMENT OF THE AIR FORCE

JUSTIFICATION OF FISCAL YEAR 1991 BUDGET ESTIMATES

SUBMITTED TO CONGRESS JANUARY 1990

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Other Procurement, Air Force

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→ This report is the original budget estimate in line with the following items:

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OTHER PROCUREMENT, AIR FORCE

For procurement and modification of equipment (including ground guidance and electronic control equipment, and ground electronic and communication equipment), and supplies, materials, and spare parts therefore, not otherwise provided for; for the purchase of not to exceed six hundred and forty four passenger motor vehicles of which four hundred and sixty shall be for replacement only; for the purchase of not to exceed four armored vehicles required for physical security of personnel for replacement only, notwithstanding price limitations applicable to passenger vehicles but not to exceed \$175,000 per vehicle, and expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon, prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; \$8,307,400,000, to remain available for obligation until September 30, 1993 of which \$191,196,000 shall be available only for the Air National Guard and Air Force Reserve.

STATEMENT "A" per Mr. M. Fritsch
SAF/FMBC
TELECON

2/21/90

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OTHER PROCUREMENT, AIR FORCE

For procurement and modification of equipment (including ground guidance and electronic control equipment, and ground electronic and communication equipment), and supplies, materials, and spare parts therefore, not otherwise provided for; for the purchase of not to exceed six hundred and forty four passenger motor vehicles of which four hundred and sixty shall be for replacement only; for the purchase of not to exceed four armored vehicles required for physical security of personnel for replacement only, notwithstanding price limitations applicable to passenger vehicles but not to exceed \$175,000 per vehicle, and expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon, prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; \$8,307,400,000, to remain available for obligation until September 30, 1993 of which \$191,196,000 shall be available only for the Air National Guard and Air Force Reserve.

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Other Procurement, Air Force
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	57-3080-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)			Obligations		
		1989 actual	1990 est.	1991 est.	1989 actual	1990 est.	1991 est.
Program by activities:							
Direct program:							
00.0101	Munitions and associated equipment	586,995	392,798	428,038	643,917	318,536	381,048
00.0201	Vehicular equipment	270,608	212,280	176,702	267,139	206,054	169,436
00.0301	Electronics and telecommunications equipment	1,965,259	2,077,388	1,651,506	1,848,274	2,645,349	2,057,148
00.0401	Other base maintenance and support equipment	5,370,000	5,572,262	6,051,154	5,474,459	5,022,649	5,767,202
00.9101	Total direct program	8,192,862	8,254,728	8,307,400	8,233,789	8,192,588	8,374,834
01.0101	Reimbursable program	313,650	648,587	459,200	276,114	714,357	459,200
10.0001	Total	8,506,512	8,903,315	8,766,600	8,509,903	8,906,945	8,834,034
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-295,791	-492,699	-438,700	-279,006	-492,699	-438,700
13.0001	Trust funds(-)	-11,127	-155,888	-20,500	-9,406	-155,888	-20,500
14.0001	Non-Federal sources(-)	-6,732			-5,127		
17.0001	Recovery of prior year obligations				-143,301		
21.4002	Unobligated balance available, start of year:						
21.4003	For completion of prior year budget plans	-34,500	-44,039	-70,000	-1,950,168	-2,022,173	-2,023,509
21.4009	Available to finance new budget plans	-47,795	4,966		-34,500	-44,039	-70,000
22.4001	Reprogramming from/to prior year budget plan	38,738	6,977		38,738	6,977	
23.4002	Unobligated balance transferred to other accounts		32,096			32,096	
24.4002	Reduction pursuant to P.L. 99-177 in unobligated balance available, end of year:						
24.4003	For completion of prior year budget plans	44,039	70,000		2,022,173	2,023,509	1,956,075
25.0001	Available to finance subsequent year budget	30,353			44,039	70,000	
	Unobligated balance lapsing				30,353		
39.0001	Budget authority	8,223,697	8,324,728	8,237,400	8,223,697	8,324,728	8,237,400
Budget authority:							
Appropriation							
40.0001	Reduction pursuant to P.L. 100-463	8,188,638	8,524,110	8,307,400	8,188,638	8,524,110	8,307,400
40.0004	Reduction pursuant to P.L. 101-165	-5,619	-2,120		-5,619	-2,120	
40.0005	Reduction pursuant to P.L. 99-177		-127,257			-127,257	
40.0090	Transferred to other accounts(-)		-70,005			-70,005	
41.0001	Transferred to other accounts (unobligated)	-36,624		-70,000	-36,624		-70,000
41.2201	Transferred from other accounts	77,302			77,302		
42.0001	Appropriation (adjusted)	8,223,697	8,324,728	8,237,400	8,223,697	8,324,728	8,237,400

Other Procurement, Air Force
Program and Financing (in thousands of dollars) SUMMARY

Identification code	57-3080-0-1-051	1989 actual	1990 est.	1991 est.
Relation of obligations to outlays:				
71.0001	Obligations incurred, net	8,216,364	8,258,358	8,374,834
72.4001	Obligated balance, start of year	6,955,656	6,784,952	6,616,110
74.4001	Obligated balance, end of year	-6,784,952	-6,616,110	-6,642,544
77.0001	Adjustments in expired accounts (net)	-39,743		
78.0001	Adjustments in unexpired accounts	-143,301		
		8,204,024	8,427,200	8,348,400
90.0001	Outlays			

Other Procurement, Air Force
Object Classification (in Thousands of dollars) SUMMARY

Identification code	57-3080-0-1-051	1989 actual	1990 est.	1991 est.
Direct obligations:				
131.001 Equipment		8,233,789	8,192,588	8,374,834
199.001 Total Direct obligations		8,233,789	8,192,588	8,374,834
Reimbursable obligations:				
231.001 Equipment		276,114	714,357	459,200
299.001 Total Reimbursable obligations		276,114	714,357	459,200
999.901 Total obligations		8,509,903	8,906,945	8,834,034

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1987

Identification code	57-3080-0-1-051	Budget plan (amounts for PROCUREMENT actions programmed)		Obligations		
		1989 actual	1990 est.	1991 est.	1990 est.	1991 est.
Program by activities:						
Direct program:						
00.0101	Munitions and associated equipment			65,012		
00.0201	Vehicular equipment			33,822		
00.0301	Electronics and telecommunications equipme			475,238		
00.0401	Other base maintenance and support equipme			129,330		
00.9101	Total direct program			703,402		
01.0101	Reimbursable program			4,773		
10.0001	Total			708,175		
Financing:						
Offsetting collections from:						
11.0001	Federal funds(-)			11,881		
13.0001	Trust funds(-)			1,837		
14.0001	Non-Federal sources(-)			2,453		
17.0001	Recovery of prior year obligations			-94,709		
21.4002	Unobligated balance available, start of year:			-680,998		
21.4003	For completion of prior year budget plans			-32,500		
21.4008	Available to finance new budget plans					
22.4001	Reprogramming from/to prior year budget pla			53,508		
25.0001	Unobligated balance transferred to other acc			30,353		
39.0001	Unobligated balance lapsing					
39.0001	Budget authority					

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1988

Identification code	57-3080-0-1-051	Budget plan (amounts for PROCUREMENT actions programmed)		Obligations	
		1989 actual	1990 est.	1989 actual	1990 est.
Program by activities:					
Direct program:					
00.0101	Munitions and associated equipment			51,580	18,743
00.0201	Vehicular equipment			25,203	12,998
00.0301	Electronics and telecommunications equipment			497,357	356,198
00.0401	Other base maintenance and support equipment			233,055	103,760
00.9101	Total direct program			807,195	491,699
01.0101	Reimbursable program			63	23,398
10.0001	Total			807,258	515,097
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)			4,904	
13.0001	Trust funds(-)			-116	
14.0001	Non-Federal sources(-)			-848	
17.0001	Recovery of prior year obligations			-48,592	
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans			-1,269,170	-515,097
21.4003	Available to finance new budget plans			-2,000	-8,018
21.4009	Reprogramming from/to prior year budget plan			8,532	
22.4001	Unobligated balance transferred to other acc			-14,550	
23.4090	Reduction pursuant to P.L. 99-177 in unob ba				
Unobligated balance available, end of year:					
24.4002	For completion of prior year budget plans			515,097	8,018
24.4003	Available to finance subsequent year budget			8,018	
39.0001	Budget authority				

Other Procurement, Air Force
Program and Financing (in thousands of dollars) FISCAL YEAR 1989

Identification code	57-3080-0-1-051	Budget plan (amounts for PROCUREMENT actions programmed)			Obligations		
		1989 actual	1990 est.	1991 est.	1989 actual	1990 est.	1991 est.
Program by activities:							
Direct program:							
00.0101	Munitions and associated equipment	586,995			527,325	43,790	15,880
00.0201	Vehicular equipment	270,608			208,114	54,982	7,512
00.0301	Electronics and telecommunications equipment	1,965,259			875,679	647,108	442,472
00.0401	Other base maintenance and support equipment	5,370,000			5,112,074	204,268	53,658
00.9101	Total direct program	8,192,862			6,723,192	950,148	519,522
01.0101	Reimbursable program	313,650			271,278	42,372	
10.0001	Total	8,506,512			6,994,470	992,520	519,522
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-295,791			-295,791		
13.0001	Trust funds(-)	-11,127			-11,127		
14.0001	Non-Federal sources(-)	-6,732			-6,732		
Unobligated balance available, start of year:							
21.4002	For completion of prior year budget plans						
21.4003	Available to finance new budget plans						
21.4009	Reprogramming from/to prior year budget plan	-4,966			-220	6,977	
22.4001	Unobligated balance transferred to other accounts	-220				24,078	
23.4090	Reduction pursuant to P.L. 99-177 in unobligated balance available, end of year:						
24.4002	Unobligated balance available, end of year:						
24.4003	For completion of prior year budget plans	36,021			1,507,076	519,522	
	Available to finance subsequent year budget				36,021		
39.0001	Budget authority	8,223,697			8,223,697		
Budget authority:							
40.0001	Appropriation	8,188,638			8,188,638		
40.0004	Reduction pursuant to P.L. 100-463	-5,619			-5,619		
41.0001	Transferred to other accounts(-)	-36,624			-36,624		
42.0001	Transferred from other accounts	77,302			77,302		
43.0001	Appropriation (adjusted)	8,223,697			8,223,697		

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1990

Identification code	57-3080-0-1-051	Budget plan (amounts for PROCUREMENT actions programmed)		Obligations	
		1989 actual	1991 est.	1989 actual	1991 est.
Program by activities:					
Direct program:					
00.0101	Munitions and associated equipment	392,798		256,003	86,077
00.0201	Vehicular equipment	212,280		138,074	46,657
00.0301	Electronics and telecommunications equipment	2,077,388		1,642,043	265,852
00.0401	Other base maintenance and support equipment	5,572,262		4,714,621	543,631
00.9101	Total direct program	8,254,728		6,750,741	942,217
01.0101	Reimbursable program	648,587		648,587	
10.0001	Total	8,903,315		7,399,328	942,217
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-492,699		-492,699	
13.0001	Trust funds(-)	-155,888		-155,888	
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans		-70,000		-1,503,987
21.4003	Available to finance new budget plans				-70,000
24.4002	Unobligated balance available, end of year:				
24.4003	For completion of prior year budget plans	70,000		1,503,987	561,770
24.4003	Available to finance subsequent year budget			70,000	
39.0001	Budget authority	8,324,728	-70,000	8,324,728	-70,000
Budget authority:					
40.0001	Appropriation	8,524,110		8,524,110	
40.0005	Reduction pursuant to P.L. 101-165	-2,120		-2,120	
40.0090	Reduction pursuant to P.L. 99-177	-127,257		-127,257	
41.0001	Transferred to other accounts(-)	-70,005		-70,005	
41.2201	Transferred to other accounts (unob bal)		-70,000		-70,000
43.0001	Appropriation (adjusted)	8,324,728	-70,000	8,324,728	-70,000

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Identification code	57-3080-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			Obligations		
		1989 actual	1990 est.	1991 est.	1989 actual	1990 est.	1991 est.
Program by activities:							
Direct program:							
00.0101	Munitions and associated equipment			428,038			279,091
00.0201	Vehicular equipment			176,702			115,267
00.0301	Electronics and telecommunications equipment			1,651,506			1,348,824
00.0401	Other base maintenance and support equipment			6,051,154			5,169,913
00.9101	Total direct program			8,307,400			6,913,095
01.0101	Reimbursable program			459,200			459,200
10.0001	Total			8,766,600			7,372,295
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)			-438,700			-438,700
13.0001	Trust funds(-)			-20,500			-20,500
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans						
40.0001	Budget authority (Appropriation)			8,307,400			1,394,305
							8,307,400

(In Thousands of Dollars)

Direct Program Requirements - FY 1991	\$428,038
Direct Program Requirements - FY 1990	392,798
Direct Program Requirements - FY 1989	586,995

ACTIVITY: Munitions and Associated Equipment

PART I - PURPOSE AND SCOPE

Provides munitions for Tactical and Strategic Forces including: rockets, cartridges, bombs, chaff and flare defensive countermeasures cartridges, aerial tow targets, spares and repair parts, and equipment modifications. This materiel is required for: (1) training of aircrews in weapon employment; (2) maintaining pilot-crew combat proficiency; (3) training weapons personnel in maintenance, storage, movement, assembly, and loading of munitions; (4) training weapons personnel in base defense and related security missions; and (5) the procurement of War Reserve Materiel (WRM) to meet specified inventory objectives.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1991 program includes funds for the procurement of: Small Arms Ammunition; 20MM Combat and Training Ammunition; 30MM Training Cartridges; Inflatable Retarders (BSU-49); Various Practice Bombs; BIGEYE Binary Chemical Bomb; Flares and Fuzes and other items. These funds will provide for procurement of munitions to support training, base defense and WRM.

The following table summarizes the program requirements for each of the major categories of munitions and associated equipment in the past, current, and budget year programs:

DIRECT PROGRAM REQUIREMENTS		(In Thousands of Dollars)	
		<u>1989</u>	<u>1990</u>
1. Rockets and Launchers		\$ 25,064	\$ 27,381
2. Cartridges			\$ 26,548
3. Bombs		121,313	92,388
4. Targets		357,241	196,751
5. Other Items		0	0
6. Fuzes		49,294	32,145
7. Other Weapons		32,100	26,431
		<u>1,983</u>	<u>17,702</u>
Total Direct Program Requirements		\$586,995	\$392,798
			\$428,038

MAJOR PROCUREMENTS PLANNED IN FY 1991 INCLUDE:

ROCKETS AND LAUNCHERS - Provides for procurement of rockets and launchers, rocket motors, and miscellaneous rocket components in support of training and war reserve requirements. The \$0.8 million decrease in FY 1991 funding from the FY 1990 level is attributed primarily to reduced procurement of 2.75 inch rocket heads.

CARTRIDGES - Provides for procurement of 20MM training and combat cartridges used in tactical aircraft guns, 30MM Training Cartridges used by the A-10, and numerous other small arms and miscellaneous cartridges used in a multitude of applications. The \$30.1 million increase from FY 1990 to FY 1991 chiefly results from increased procurement of the 20MM Training, the 3,000 ft/lbs Impulse Cart and Items Less Than \$2 Million.

BOMBS - Provides for procurement of the BSJ-49 Inflatable Retarder, several practice bombs such as the BDU-33, the BDU-50 and the MK-84 Bomb-Empty, as well as procurement of the BIGEYE Chemical Bomb. Although funding for several bomb programs has increased overall, funding has decreased \$9.4 million from FY 1990 to FY 1991 because of deletion of CBU-87 (Combined Effects Munitions) production in FY 1991.

TARGETS - Although there are no planned FY 1990-1991 procurements, this category provides for procurement of replacement elements for aerial tow targets and scoring devices employed in air-to-air and air-to-surface gunnery training.

OTHER ITEMS - Provides for procurement of a variety of flares, EOD support items, general support items, initial spares and repair parts, and modifications. The increase of \$15.8 million from FY 1990 to FY 1991 is predominately due to reprourement of MUJ-108 flares, increases in the Items Less Than \$2 Million line item and the addition of the Special Programs line item.

FUZES - Provides for procurement of the FMJ-139 electronic fuzes for bombs. The increase of \$7.0 million from FY 1990 to FY 1991 is caused by increased procurement of these fuzes.

OTHER WEAPONS - Provides for procurement of various individual and crew-served weapons such as mortars, rifles and automatic weapons. The decrease of \$7.3 million from FY 1990 to FY 1991 is attributable largely to the completion of procurement of Host Nation Support Weapons.

(In Thousands of Dollars)

Direct Program Requirement - FY 1991	\$176,702
Direct Program Requirement - FY 1990	212,280
Direct Program Requirement - FY 1989	270,608

ACTIVITY: Vehicular Equipment

PART I - PURPOSE AND SCOPE

Provides for all classes and types of mission related vehicles to support operational readiness of the active and reserve forces. Examples of vehicle types are forklifts and aircraft loaders, aircraft refuelers, aircraft launch and recovery vehicles, and fire fighting equipment.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1991 program provides for the procurement of critical general purpose, special purpose, base maintenance vehicles, materials handling, fire fighting, and snow removal equipment. It also funds inventory augmentation and replacement of overage and uneconomical vehicles in order to improve mission support and combat readiness.

The following table summarizes the program for each of the major vehicle categories in the past, current, and budget year programs:

DIRECT PROGRAM REQUIREMENTS

	(In Thousands of Dollars)		
	1989	1990	1991
1. Passenger Carrying Vehicles	\$ 11,770	\$ 10,567	\$ 15,576
2. Cargo and Utility Vehicles	63,641	61,635	53,114
3. Special Purpose Vehicles	102,261	54,583	27,774
4. Fire Fighting Equipment	18,984	31,147	31,155
5. Materials Handling Equipment	29,425	25,737	31,675
6. Base Maintenance Support	44,527	28,611	17,408
Total Direct Program Request	\$270,608	\$212,280	\$176,702

MAJOR PROCUREMENTS PLANNED IN FY 1991 INCLUDE:

PASSENGER CARRYING VEHICLES - Provides for initial procurement and replacement of ambulances, law-enforcement vehicles, armored sedans, buses, sedans, and station wagons which are overage, worn-out, and require excessive repair expense to maintain. The FY 1991 request is \$5.0 million more than the FY 1990 due mainly to increased procurement of the Intercity Bus and law enforcement vehicles.

CARGO AND UTILITY VEHICLES - This category includes vehicles required to transport air crews, distribute cargo and munitions, tow communications equipment, and expedite delivery of aircraft spare parts to the flightline. The FY 1991 request is \$8.5 million less than the FY 1990 request due primarily to reductions in the Items Less Than \$2 Million and the 1 Ton Multi-Stop Truck line items.

SPECIAL PURPOSE VEHICLES - This category provides for procurement of aircraft tow tractors, flightline equipment tow tractors and fuel, water and oil tank trucks. The FY 1991 request is \$26.8 million less than the FY 1990 request due primarily to the reduced procurement of the R-11 Fuel Tank Truck.

FIRE FIGHTING EQUIPMENT - Provides for procurement of equipment required for aircraft crash and rescue operations, and for structural fire protection of base property. The FY 1991 request is virtually the same as the FY 1990 request.

MATERIALS HANDLING EQUIPMENT - Provides for procurement of forklifts and aircraft cargo loaders to support aerial port and munitions handling/loading operations. The FY 1991 request is \$5.9 million more than the FY 1990 request due primarily to increased procurement of 25K Aircraft Loaders.

BASE MAINTENANCE SUPPORT EQUIPMENT - Provides funding for snow removal, construction, and maintenance equipment required for airfields and grounds. The FY 1991 request is \$11.2 million less than the FY 1990 request due primarily to reduced procurement of scoop loaders and excavators.

(In Thousands of Dollars)

Direct Program Requirements - FY 1991 - \$1,651,506
Direct Program Requirements - FY 1990 - 2,077,388
Direct Program Requirements - FY 1989 - 1,965,259

ACTIVITY: Electronics and Telecommunications Equipment

PART I - PURPOSE AND SCOPE

Provides ground electronic and telecommunications systems for command and control of the operational forces, the detection of hostile forces, and Air Force-wide communications.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1991 Program will ensure the continued worldwide command and control of our strategic and tactical forces through procurement of prime mission electronics and telecommunications equipment, modification kits, peculiar test equipment, and essential spare and repair parts. Provision also is made for supporting structure requirements, such as enroute and terminal navigational and landing guidance; intelligence; and security of Air Force activities, facilities and personnel. Also included are items such as communications and navigation radio equipment, land-line communications equipment, detection and surveillance radars, communications security devices, data processing and display equipment, meteorological equipment and modification kits needed for assurance of effective and continued operation.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current, and budget year programs:

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)		1989	1990	1991
1. Communications Security Equipment	\$	82,176	\$ 90,685	\$ 83,172
2. Intelligence Programs		14,021	24,834	28,612
3. Electronics Programs		805,979	934,401	559,423
4. Special Comm-Electronics Projects		423,124	437,893	379,711
5. Air Force Communications		277,894	207,244	366,830
6. DCA Programs		23,170	57,780	17,136
7. Organization and Base		276,974	296,271	192,949
8. Modifications		<u>61,921</u>	<u>28,280</u>	<u>23,673</u>
Total Direct Program Requirements	\$	\$1,965,259	\$2,077,388	\$1,651,506

MAJOR PROCUREMENTS PLANNED IN FY 1991 INCLUDE:

COMMUNICATIONS SECURITY EQUIPMENT - This program is for the procurement and installation of devices for encryption and decryption of communications, to ensure security of voice, teletype and data communications. Included is equipment to secure data networks and tactical radios. The FY 1991 Program for Communications Security Equipment decreased by \$7.5 million dollars from the FY 1990 program due to reduced procurement of COMSEC Equipment, Prime Mission Equipment, and Initial Spares.

INTELLIGENCE PROGRAMS - This program provides the equipment for worldwide USAF collection, processing and reporting of intelligence information as well as training of intelligence personnel. The FY 1991 increase of \$3.8 million over FY 1990 results from growth in Intelligence Data Handling Systems and Items Less Than \$2M.

ELECTRONICS PROGRAMS - This activity includes electronic equipment to augment existing systems and to replace obsolete equipment. Included is equipment for the Defense Support Program, Cheyenne Mountain Complex, Tactical Air Control System Improvements (TACSI), and aircraft detection (Distant Early Warning/ North Warning and OTH-B radars). The decrease of \$375.0 million in FY 91 below the FY 1990 program results from the transfer of OTH-B radar to a DoD agency for the counternarcotics effort and a reduction in the TACSI, Caribbean Basin Radar Network, and Air Traffic Control and Landing System Programs.

SPECIAL COMM-ELECTRONICS PROGRAMS - This program procures electronic equipment to satisfy specific mission requirements. Included are Automatic Data Processing Equipment (ADPE), Air Force Physical Security Systems, Range Improvements, SAMTO Test Ranges I&M, Base Level Data Automation, and the Satellite Control Facility. The FY 1991 program decreases \$58.2 million from the FY 1990 program due mainly from reduced procurements for ADPE, Range Improvements, SAMTO Test Ranges I&M, and Satellite Control Facility.

AIR FORCE COMMUNICATIONS - These programs are the primary Air Force Communications terminal equipments used to provide common user facilities. Included are ground satellite communications terminals, base level communications systems (voice and data), and tactical ground communications equipment. The FY 1991 program increases by \$160.0 million over FY 1990. The increase results from MILSTAR program expansion and increased procurement of equipment for USTRANSOCCOM.

DCA PROGRAMS - These programs are in support of the Defense Communications System. Included are the Wide-band Systems Upgrade and Minimum Essential Emergency Communications Network (MEECN). The FY 1991 program is decreased by \$40.7 million from the FY 1990 program. The reduction is due to the gradual completion of the Wideband Systems Upgrade Programs.

ORGANIZATION AND BASE - This program procures electronic equipment for individual Air Force units and bases. It includes TV equipment, mobility radios, and spares and repair parts. The FY 1991 program decreases \$103.3 million from the FY 1990 program due to the transferring of all replenishment spares funding to the Air Force Stock Funds.

MODIFICATIONS - This program is for the modification of existing electronic equipment to increase reliability/maintainability, provide a new or increased capability or correct an operational deficiency. The FY 1991 program decreases \$4.6M from the FY 1990 program due mainly to reduced procurement of Antijam Voice equipment.

(In Thousands of Dollars)

Direct Program Requirements - FY 1991	\$6,051,154
Direct Program Requirements - FY 1990	5,572,262
Direct Program Requirements - FY 1989	5,370,000

ACTIVITY: Other Base Maintenance and Support Equipment

PART I - PURPOSE AND SCOPE

Provides ground support equipment, not otherwise provided with the major weapons systems, for operational forces and supporting structure. Included are test equipment, personal safety and rescue equipment, medical and dental equipment, automated materials handling equipment for improving the efficiency of the Air Force supply and maintenance system, base maintenance equipment, industrial/depot maintenance equipment, electrical equipment, intelligence and reconnaissance equipment, modifications and first destination transportation costs for all procurement appropriations. All equipment is essential for the day to day support of forces in being as well as to sustain combat operations in wartime and to maintain quality of life for Air Force personnel.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1991 program includes funds for the procurement of: (1) test equipment for maintenance, calibration, repair and checkout of weapon systems, electronics equipment and communications apparatus; (2) personal safety items to safeguard the lives of aircrews and other personnel, including chemical/biological defense equipment; (3) equipment for repair at depot and base level maintenance shops, mechanization of materials handling systems at Air Force bases, air logistics centers and passenger and cargo terminals; (4) mobile electric generating power equipment and area lighting; (5) base procured equipment, (6) medical and dental equipment, air cargo pallets and nets, mobility equipment to support the employment of the Rapid Deployment Force in Southwest Asia, and aircraft arresting systems; (7) special support projects, Air Force elements of the atomic energy surveillance program and industrial preparedness technology modernization efforts; (8) modifications to improve reliability and maintainability of equipment; (9) spare/repair parts to maintain the equipment procured in this program; and (10) first destination transportation costs for all procurement appropriations.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current, and budget year programs.

DIRECT PROGRAM REQUIREMENTS

		(In Thousands of Dollars)		
		1989	1990	1991
1. Test Equipment	\$	95,151	\$ 63,903	\$ 68,433
2. Personal Safety and Rescue Equipment		98,375	64,893	56,225
3. Depot Plant and Materials Handling Equipment		53,445	121,769	125,119
4. Electrical Equipment		18,760	29,829	10,397
5. Base Support Equipment		254,756	237,160	217,649
6. Special Support		4,849,513	5,054,708	5,573,331
Total Direct Program Requirements		\$5,370,000	\$5,572,262	\$6,051,154

MAJOR PROCUREMENTS PLANNED IN FY 1991 INCLUDE:

TEST EQUIPMENT - Provides calibration standards and precision measurement equipment for Precision Measurement Equipment Laboratories and the Aerospace Guidance Meteorology Center; oscilloscopes, signal generators, electronic counters, level meter and display; and other electronic test equipment purchases costing less than \$2,000,000 each. The \$4.5 million increase from FY 1990 to FY 1991 continues to be driven by the requirement for state of the art equipment in the Items Less Than \$2 Million line to test and calibrate communications-electronic systems.

PERSONAL SAFETY AND RESCUE EQUIPMENT - Provides safety and rescue equipment such as night vision goggles, life rafts and life preservers. The largest portion of the program provides chemical/biological defense and protection equipment required to increase survivability and enable AF units to sustain operations in a chemical warfare environment. The \$8.6 million decrease from FY 1990 to FY 1991 results from reduced procurement levels of Chemical/Biological defensive equipment.

DEPOT PLANT AND MATERIALS HANDLING EQUIPMENT - Includes mechanized material handling equipment and automated warehouses for five Air Logistic Centers, various air bases, passenger terminals, and freight terminals and other base level maintenance and repair shop equipment costing less than \$2,000,000 each. The FY 1991 program is increased by \$3.4 million from FY 1990 due primarily to increases in the Asset Capitalization Program.

ELECTRICAL EQUIPMENT - Provides mobile electric generators and other electrical items costing less than \$2,000,000 each. The generators are used to provide primary and/or utility power to alert hangers, communications systems, radar systems, aircraft maintenance shops, control towers and runway lighting. The \$19.4 million decrease from FY 1990 to FY 1991 results from rephasing the procurement of mobile electric generators.

BASE SUPPORT EQUIPMENT - Provides for the purchase of centrally procured equipment such as mobility equipment, cargo pallets and nets, photographic equipment, initial spares, and base procured equipment (items costing more than \$15,000). Also includes Medical/Dental equipment, Productivity Enhancing Programs, Air Base Operability and Wartime Host Nation Support. The \$19.5 million decrease from FY 1990 to FY 1991 is attributable to reduced procurement of Medical/Dental equipment and reductions in the Air Base Operability program.

SPECIAL SUPPORT PROJECTS - Includes intelligence equipment and systems, industrial preparedness, equipment modifications and first destination transportation.

1989 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN
IN FY 1990 BUDGET WITH REQUIREMENT AS
SHOWN IN FY 1991 BUDGET

SUMMARY OF REQUIREMENTS

	(In Thousands of Dollars)		
	Program Requirements 1990 Budget	Program Requirements 1991 Budget	Increases (+) or Decreases (-)
Munitions and Associated Equipment	\$ 592,478	\$ 586,995	-5,483
Vehicular Equipment	272,477	270,608	-1,869
Electronics and Telecommunications Equipment	1,909,753	1,965,259	+55,506
Other Base Maintenance and Support Equipment	5,378,793	5,370,000	-8,793
Reimbursable Program	<u>566,165</u>	<u>313,650</u>	<u>-252,515</u>
TOTAL	\$8,719,666	\$8,506,512	-213,154

EXPLANATION BY BUDGET ACTIVITY

1. MUNITIONS AND ASSOCIATED EQUIPMENT (\$-5.5 MILLION). The net reduction results from a reprogramming action approved by Congress transferring \$4.5M to the Foreign Currency Fluctuation account and the sequestration of \$1.0M.
2. VEHICULAR EQUIPMENT (\$-1.9 MILLION). The net reduction results from below threshold reprogrammings of \$0.9M to other activities in this account and the sequestration of \$1.0M.
3. ELECTRONICS AND TELECOMMUNICATIONS EQUIPMENT (\$+55.5 MILLION). The net increase results from reprogramming actions approved by Congress which transferred \$4.4M to other accounts and \$71.3M into this program for drug interdiction, below threshold reprogrammings of \$6.5M into this activity, and the sequestration of \$17.9M.
4. OTHER BASE MAINTENANCE AND SUPPORT EQUIPMENT (\$-8.8 MILLION). The net reduction results from reprogrammings approved by Congress transferring \$4.2M into other accounts, a reprogramming action currently being prepared for submission to Congress requesting the transfer of \$4.9M into this activity, below threshold reprogrammings of \$5.6M into other activities within this account, and the sequestration of \$4.1M. Also, \$0.2M was transferred into this activity from the Defense Environmental Reclamation account.
5. REIMBURSABLE PROGRAM (\$-252.5 MILLION). The decrease of \$252.5 million is due to a revised estimate of customer orders.

COMPARISON OF FY 1989 FINANCING AS REFLECTED
IN FY 1990 BUDGET WITH FY 1989 FINANCING AS
SHOWN IN FY 1991 BUDGET

	(In Thousands of Dollars)			
	Financing		Financing	
	Per FY 1990	Per FY 1991	Per FY 1991	Increase (+) or Decrease (-)
	Budget	Budget	Budget	
Program Requirement	\$8,719,666	\$8,506,512		\$-213,154
Program Requirement (Service Account)	8,153,501	8,192,862		+39,361
Program Requirements (Reimbursable)	566,165	313,650		-252,515
Less:				
Anticipated Reimbursements	566,165	313,650		-252,515
Transferred from Other Accounts	6,000	82,488		+76,488
Add:				
Sequester	-	24,078		+24,078
Transferred to Other Accounts	35,518	48,567		+13,049
Appropriation	\$8,183,019	\$8,183,019		-0-

EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1989 program has decreased \$213,154 thousand since submission of the FY 1990 budget. Adjustments by category are explained below:

1. ANTICIPATED REIMBURSEMENTS. The decrease of \$252,515 thousand is due to a revised estimate of customer orders.
2. TRANSFERRED FROM OTHER ACCOUNTS. The increase of \$76,488 thousand is due to approved transfers of \$71,522 thousand and the proposed transfer of \$4,966 thousand from other DOD accounts.
3. SEQUESTER. The increase of \$24,078 thousand is due to the Gramm-Rudman-Hollings sequester.
4. TRANSFERRED TO OTHER ACCOUNTS. The increase of \$13,049 thousand is due to transfers to the O&M and RDT&E accounts.

1990 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN IN FY 1990 BUDGET WITH REQUIREMENT AS SHOWN IN FY 1991 BUDGET

SUMMARY OF REQUIREMENTS

	(In Thousands of Dollars)			
	Program Requirements 1990 Budget	Program Requirements 1991 Budget	Increases (+) or Decreases (-)	
Munitions and Associated Equipment	\$ 443,371	\$ 392,798	\$ -50,573	
Vehicular Equipment	223,468	212,280	-11,188	
Electronics and Telecommunications Equipment	2,401,723	2,077,388	-324,335	
Other Base Maintenance and Support Equipment	5,493,238	5,572,262	+79,024	
Reimbursable Program	<u>213,056</u>	<u>648,587</u>	<u>+435,531</u>	
TOTAL	\$8,774,856	\$8,903,315	\$+128,459	

EXPLANATION BY BUDGET ACTIVITY

1. MUNITIONS AND ASSOCIATED EQUIPMENT (\$-50.6 MILLION). Congress increased the President's FY 1990 Budget by \$34.5 million including: 5.56M (\$-2.1M), 20MM Training (\$-3.6M), 30MM Training (\$-3.8M) and GEU-15 (\$-12.5M). Also contributing to the net adjustment is a proposed transfer of \$1.5M into other DOD accounts for drug interdiction, a \$70.0M proposed transfer to partially finance the FY 1991 request, a general Congressional reduction of \$0.3M for contractor travel, a proposed transfer of \$6.2M to other accounts and the sequestration of \$7.1M.

2. VEHICULAR EQUIPMENT (\$-11.2 MILLION). This program remained unchanged based on Congressional action. CAP Vehicles (\$+0.8M). Items Less Than \$2M (Cargo Utility) (\$-0.2M). Items Less Than \$2M (Special Purpose) (\$-0.2M). Items Less Than \$2M (Material Handling) (\$-0.2M) and Items Less Than \$2M ((Base Maintenance and Support) (\$-0.2M). The net adjustment results from a proposed transfer of \$7.8M into other DOD accounts for drug interdiction, a general Congressional reduction of \$0.1M for contractor travel and the sequestration of \$3.3M.

3. ELECTRONICS AND TELECOMMUNICATIONS EQUIPMENT (\$-324.3 MILLION). Congress reduced the President's FY 1990 Budget by \$298.5 million: Tactical Air control System Improvement (\$-5.9M), Defense Support Program (\$-23.0M), OTH-B Radar (\$-10.0M), SAC Command and Control (\$-10.3M), Cheyenne Mountain Complex (\$-5.0M), NAVSTAR GPS (\$-4.0M), Caribbean Basin Radar Network (\$-39.9M), North Warning Radar (\$-10.0M), Automatic Data Processing Equipment (\$-18.2M), MAC Command and Control Support (\$-4.6M), SAMTO Test Ranges (\$-10.0M), Telephone Exchange (\$-8.5M), Joint Tactical Communication Program (\$-81.8M), MILSTAR (\$-48.4M), Spares and Repair Parts (\$-14.8M), CAP Communications and Electronics (\$+0.5M) and Antijam Voice (\$-4.6M). Also contributing to the net adjustment is a proposed transfer of \$6.9M into this account for drug interdiction, a \$1.3M general Congressional reduction for contractor travel and the sequestration of \$31.4M.

4. OTHER BASE MAINTENANCE AND SUPPORT EQUIPMENT (\$+79.0 MILLION). Congress increased the President's FY 1990 Budget by \$226.3 million: Chemical/Biological Defense Program (\$+14.0M), Industrial/Depot Maintenance Equipment (\$+75.0M), Air Base Operability (\$-3.0M), Intelligence Production Activity (\$-1.7M), Selected Activities (+172.1M) and Special Update Program (\$-30.1M). Also contributing to the net adjustment is a proposed transfer of \$15.7M to other DOD accounts for drug interdiction, a general Congressional reduction of \$0.4M for contractor travel, a proposed transfer of \$45.7M to other DOD accounts, a financial adjustment of \$0.1M and the sequestration of \$85.4M.

5. REIMBURSABLE PROGRAM (\$+435.5 MILLION). The increase of \$435.5 million is due to a revised estimate of customer orders.

COMPARISON OF FY 1990 FINANCING AS REFLECTED
IN FY 1990 BUDGET WITH FY 1990 FINANCING AS
SHOWN IN FY 1991 BUDGET

	(In Thousands of Dollars)			
	Financing Per FY 1990	Financing Per FY 1991	Increase (+) or	
	Budget	Budget	Decrease (-)	
Program requirements	\$8,774,856	\$8,903,315	\$ +128,459	
Program requirements (Service Account)	8,561,800	8,254,728	-307,072	
Program requirements (Reimbursable)	213,056	648,587	+435,531	
Less:				
Anticipated Reimbursements	213,056	648,587	+435,531	
Transferred from other accounts	-	-	-	
Add:				
Unobligated Balance Available to Finance				
Subsequent Year Budget	-	70,000	+70,000	
Transferred to other accounts	-	70,005	+70,005	
Appropriation	\$8,561,800	\$8,394,733	-167,067	

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EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1990 program has increased \$128,459 thousand since submission of the FY 1990 budget. Adjustments by category of financing are explained below:

1. ANTICIPATED REIMBURSEMENTS. The increase of 435,531 thousand is due to a revised estimate of customer orders.
2. UNOBLIGATED BALANCE AVAILABLE TO FINANCE SUBSEQUENT YEAR BUDGET. The increase of \$70,000 thousand is due to a proposal to use these funds to partially finance the FY 1991 Amended Budget request.
3. TRANSFERRED TO OTHER ACCOUNTS. The increase of \$70,005 thousand is due to several proposed reprogrammings to other Defense accounts.
4. APPROPRIATION. The decrease of \$167,067 thousand results from a Congressional reduction of \$39,810 thousand and the sequestration of \$127,257 thousand.